

## Claims

1. Noise reduction system comprising an input for receiving per time-interval at least two input signals and comprising a noise estimator coupled to said input for performing noise estimations per input signal and comprising a converter coupled to said noise estimator for performing conversions of said noise estimations and for generating correction signals and comprising a combiner coupled to said converter and to said input for generating at least two output signals per time-interval, characterised in that said converter comprises a control input for receiving adaptation signals for adapting said conversions.
2. Noise reduction system according to claim 1, characterised in that said noise reduction system comprises a generator coupled to said noise estimator for generating said adaptation signals in dependence of said noise estimations.
3. Noise reduction system according to claim 2, characterised in that said generator generates said adaptation signals by scaling said noise estimations, with said scaling being dependent upon said noise estimations.
4. Noise reduction system according to claim 1, 2 or 3, characterised in that said noise estimation per input signal starts with averaging each input signal received during several time-intervals.
5. Noise reduction system according to claim 1, 2, 3 or 4, characterised in that said noise reduction system comprises a smoother for receiving said correction signals and smoothing them and supplying them to said combiner.
6. Noise reduction system according to claim 1, 2, 3, 4 or 5, characterised in that said converter performs said conversions at the hand of tables, with said adaptation signals adapting said tables.

7. Noise reduction system according to claim 1, 2, 3, 4 or 5, characterised in that said converter performs said conversions at the hand of functions, with said adaptation signals adapting said functions.

8. Method for reducing noise per time-interval for at least two input signals and comprising a first step of performing noise estimations per input signal and a second step of performing conversions of said noise estimations and a third step of generating correction signals and a fourth step of generating at least two output signals per time-interval, characterised in that said method comprises a fifth step of receiving adaptation signals for adapting said conversions.

9. Method according to claim 8, characterised in that said method comprises a sixth step of generating said adaptation signals in dependence of said noise estimations.

10. Method according to claim 9, characterised in that said sixth step comprises a substep of generating said adaptation signals by scaling said noise estimations, with said scaling being dependent upon said noise estimations.